

Claims:

1. A method of fabricating a drawn glass sheet, the method comprising:
providing an isopipe;
providing glass to the isopipe;
measuring a parameter at a first portion and at a second portion of a glass sheet drawn from the isopipe, and maintaining a ratio of the parameter at the first portion to the parameter at the second portion to within a prescribed range.
2. A method as recited in claim 1, wherein the parameter is the viscosity.
3. A method as recited in claim 1, wherein the parameter is the mass.
4. A method as recited in claim 2, wherein the viscosity is indirectly determined by measuring the temperature of the glass at the first and second portions.
5. A method as recited in claim 1, wherein the ratio is from approximately 0.9 to approximately 1.1.
6. An apparatus for fabricating drawn glass sheets, comprising:
an isopipe;
a device which adjusts the temperature of glass, by selectively heating or cooling glass that overflows the trough of the isopipe; and
a controller, which selectively adjusts the device to maintain a ratio of the viscosity of the on a first side of the isopipe to a second side of the isopipe is within a prescribed range.
7. An apparatus as recited in claim 6, wherein the viscosity is maintained by maintaining a first temperature of the glass on the first side and maintaining a second temperature of the glass at a second side.

8. An apparatus as recited in claim 7, wherein the first temperature and the second temperature are maintained by heating the glass with a heater.
9. An apparatus as recited in claim 8, wherein the first and second temperatures are maintained by setting the heater to particular settings.
10. An apparatus as recited in claim 7, wherein the first temperature and the second temperature are maintained by cooling the glass with forced air.
11. An apparatus as recited in claim 6, wherein the prescribed range is from approximately 0.9 to approximately 1.1.
12. An apparatus for fabricating drawn glass sheets, comprising:
an isopipe;
a controller, which selectively tilts the isopipe to maintain a ratio of a mass of a glass sheet on a first side to a second side of the glass sheet is within a prescribed range.
13. An apparatus as recited in claim 12, wherein the selective tilting is effected based on a first mass of glass from the first side and a second mass from the second side.
14. An apparatus as recited in claim 12, wherein the prescribed range is between approximately 0.9 and approximately 1.1.
15. An apparatus as recited in claim 12, wherein the first side is an inlet side, and the second side is a compression side.
16. An apparatus as recited in claim 13, wherein the first mass and the second mass are taken from the glass after forming, and the data are used in subsequent

fabrication sequences.

17. A method of providing a glass sheet of substantially uniform thickness across a width the method, comprising:

vertically drawing a glass; and

controlling a mass or a viscosity, or both, of the glass from an isopipe, or both, to substantially eliminate horizontal movement of the glass sheet during the drawing.

18. A method as recited in claim 17, wherein the controlling further comprises determining a ratio of a mass of a first half to a mass of a second half.

19. A method as recited in claim 18, wherein the ratio is in the range of approximately 0.9 to approximately 1.1.

20. A method as recited in claim 17, wherein the controlling further comprises determining a ratio of the viscosity at a first half to the viscosity at a second half.

21. A method as recited in claim 20, wherein the ratio is in the range of approximately 0.9 to approximately 1.1.

22. A method as recited in claim 17, wherein the mass is controlled by selectively tilting the isopipe to maintain a ratio of a mass of a glass sheet on the inlet half of the isopipe and the compression half of the isopipe to within a prescribed range.